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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/755,489	01/05/2001	Hai Bin Lin	A0-079 US	5108

23683 7590 07/22/2003

MOLEX INCORPORATED  
2222 WELLINGTON COURT  
LISLE, IL 60532

EXAMINER

LEON, EDWIN A

ART UNIT	PAPER NUMBER
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2833

DATE MAILED: 07/22/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/755,489

Applicant(s)

LIN ET AL.

Examiner

Edwin A. León

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 19 May 2003.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-5, 7-16 and 18-20 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-5, 7-16 and 18-20 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. §§ 119 and 120**

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

**Attachment(s)**

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

## **DETAILED ACTION**

### ***Response to Amendment***

1. Applicant's amendment filed May 19, 2003 in which Claims 1, 4, 10 and 18 have been amended, and new Claims 21-23 have been added, has been placed of record in the file as Paper No. 15.

### ***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-5, 7-16 and 18-20 are rejected under 35 U.S.C. 102(e) as being anticipated by Baxter et al. (U.S. Patent No. 5,897,386). With regard to Claims 1, 10, 13 and 18-20, Baxter et al. discloses an electrical connector (10), comprising: a molded plastic housing (30) having an elongated body portion (middle part of 30 that connects 56 in the data section 48) defining a front mating face (Fig. 3) and a rear terminating face (Fig. 2) of the connector (10), the elongated body portion (middle part of 30 that

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connects 56 in the data section 48) having a predetermined length and a predetermined width along the entire predetermined length, a plurality of terminal-receiving passages (where 48,50 and 52 are located), which extend through the body portion (middle part of 30 that connects 56 in the data section 48) from the mating face (Fig. 3) to the terminating face (Fig. 2), defined by wall means (42,44), having predetermined lengths and extending between the mating (part from which 30 and 31 protrude) and terminating faces (part of 27 where 20 is mounted), the wall means (42,44) being of generally uniform thickness between the entire predetermined length of the elongated body portion (middle part of 30 that connects 56 in the data section 48); and a plurality of conductive terminals (48,50,52) mounted in the terminal-receiving passages (where 48,50 and 52 are located), and enlarged end portions (outer end 56, end including sections 50, 52 and the three remaining 56) at opposite ends of the elongated body portion (middle part of 30 that connects 56 in the data section 48) having a predetermine width which is greater than the width of the body portion (middle part of 30 that connects 56 in the data section 48), the width of the elongated body portion (middle part of 30 that connects 56 in the data section 48) and the width of the end portions (outer end 56, end including sections 50, 52 and the three remaining 56) being defined by a dimension (from top to bottom) which is transverse to the terminal-receiving passages (where 48,50 and 52 are located). See Figs. 1-7.

With regard to Claims 2 and 11, Baxter et al. discloses the wall means (42,44) including outside walls (walls near ends 32,33). See Figs. 1-7.

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With regard to Claims 3, 12 and 14, Baxter et al. discloses each of the end portions (outer end 56, end including sections 50, 52 and the three remaining 56) having a predetermined width which is greater than the predetermined width of the body portion (middle part of 30 that connects 56 in the data section 48), the width of the end portions (outer end 56, end including sections 50, 52 and the three remaining 56) being defined by a dimension (from top to bottom) which is transverse to the terminal-receiving passages (where 48, 50 and 52 are located). See Figs. 1-7.

With regard to Claims 4 and 15-16, Baxter et al. discloses the connector (10) being a combination connector with the elongated body portion (middle part of 30 that connects 56 in the data section 48) including a data section (48) of the connector (10) and at least one of the enlarged end portions (outer end 56, end including sections 50, 52 and the three remaining 56) including a power section (52) of the connector (10). See Figs. 1-7.

With regard to Claim 5, Baxter et al. discloses the terminals (48) being signal terminals and the power section (52) including at least one power terminal mounted therein. See Figs. 1-7.

With regard to Claim 7, Baxter et al. discloses the passages (where 48, 50 and 52 are located) being at least in part defined by outside walls (walls near the ends of 30) of the elongated body portion (middle part of 30 that connects 56 in the data section 48), the walls (walls near the ends of 30) being of generally uniform thickness throughout. See Figs. 1-7.

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With regard to Claim 8, Baxter et al. discloses the connector (10) being a combination connector with the elongated body portion (middle part of 30 that connects 56 in the data section 48) including a data section (48) of the connector (10) and at least one of the end portions (outer end 56, end including sections 50, 52 and the three remaining 56) including a power section (52) of the connector (10). See Figs. 1-7.

With regard to Claim 9, Baxter et al. discloses the terminals (23) being signal terminals and the power section (52) includes at least one power terminal mounted therein. See Figs. 1-7.

With regard to Claims 21-23, Baxter et al. discloses each of the terminal receiving passages (where 48, 50 and 52 are located) having only one of the plurality of conductive terminals (48, 50, 52) mounted therein. See Figs. 1-7.

### ***Response to Arguments***

4. Applicant's arguments filed May 19, 2003 have been fully considered but they are not persuasive. In response to Applicant's arguments regarding Claims 1, 10 and 18 that the Baxter et al. reference doesn't show the elongated body portion having a predetermined length and a predetermined width along the entire predetermined length, Applicant's attention is directed to Fig. 4 in which Baxter et al. clearly discloses the elongated body portion (middle part of 30 that connects 56 in the data section 48) having a predetermined length and a predetermined width along the entire predetermined length. The middle portion of (30) that includes the data section (48) has

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a predetermined length and a predetermined width along the entire predetermined length between the end portions (outer end 56, end including sections 50, 52 and the three remaining 56), which would read on Applicant's claims.

In response to Applicant's arguments regarding Claims 21-23 that the Baxter et al. reference doesn't show each of the terminal receiving passages having only one of the plurality of conductive terminals mounted therein, Applicant's attention is directed to Figs. 6-7 in which Baxter et al. clearly discloses each of the terminal receiving passages (where 48,50 and 52 are located) having only one of the plurality of conductive terminals (48,50,52) mounted therein. It is clear from Fig. 7 that the terminals (48,50,52) are located in individual passages that pass through wall (36).

### ***Conclusion***

5. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any

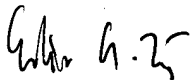
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extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Edwin A. León whose telephone number is (703) 308-6253. The examiner can normally be reached on Monday - Friday 9:00-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Paula A. Bradley can be reached on (703) 308-2319. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 308-7722 for regular communications and (703) 308-7724 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0956.



Edwin A. León  
AU 2833

EAL  
July 17, 2003



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